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Schubert

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[54] **FORMULATIONS FOR IMPROVED ELECTROPHORETIC DISPLAY SUSPENSIONS AND RELATED METHODS**

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[58] **Field of Search** ..... 252/572, 570; 204/299 R

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[57] **ABSTRACT**

The invention provides an electrophoretic suspension comprising a suspension medium including tetrachloroethylene, 5-ethylidene-2-norbornene and an aromatic solvent including either a mixture of phenyl xylyl ethanes or a mixture of mono and di-benzyl toluene. The suspension further comprises a plurality of pigment particles dispersed in the suspension medium; a fluid dye dissolved in the suspension medium for providing a contrast with the pigment particles; and a charge control agent adsorbed on the pigment particles for preventing the pigment particles from agglomerating.

23 Claims, 1 Drawing Sheet